

IN THE CLAIMS:

A detailed listing of all claims is as follows. Please amend the claims as follows:

Claim 1 (Currently Amended): ~~An~~ A DVD information record medium having an audio zone and a video zone comprising:

substantial information including video information and audio information which are related to each other;

first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability;

first management information only for the first reproducing apparatus;

second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and

second management information only for the second reproducing apparatus,

wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and

wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information.

Claim 2 (Currently Amended): ~~An~~ A DVD information record medium according to

Claim 1, wherein the first reproduction control information and the second reproduction control information prescribe a reproduction of a same portion of the substantial information.

Claim 3 (Currently Amended): ~~An~~ A DVD information record medium according to

Claim 1, wherein

the first reproduction control information divides the substantial information into a plurality of first information units and prescribes a reproduction control of the first information units, and

the second reproduction control information divides the substantial information into a plurality of second information units, which are different from the first information units, and prescribes a reproduction control of the second information units.

Claim 4 (Currently Amended): ~~An~~ A DVD information record medium according to

Claim 1, wherein the second reproduction control information prescribes a reproduction of the substantial information in a reproduction order, which is different from that of the first reproduction control information, with respect to a same portion of the substantial information.

Claim 5 (Currently Amended): ~~An~~ A DVD information record medium according to

Claim 1, further comprising another substantial information including only audio information recorded in the audio zone.

Claim 6 (Currently Amended): An information reproducing apparatus for reproducing ~~an~~ a DVD information record medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing apparatus comprising:

a reading device which reads the substantial information, the first reproduction control information and the second reproduction control information from said DVD information record medium; and

a reproducing device which reproduces the substantial information in accordance with the first management information and the first reproduction control information when a reproduction

of the video information and the audio information is instructed, and reproduces the substantial information in accordance with the second management information and the second reproduction control information when a reproduction of only the audio information is instructed.

Claim 7 (Currently Amended): An information reproducing apparatus for reproducing ~~an~~ a DVD information record medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing apparatus comprising:

a reading device which reads the substantial information and the first reproduction control information from said DVD information record medium; and

a reproducing device which reproduces the substantial information in accordance with the first management information and the first reproduction control information when a reproduction of the video information and the audio information is instructed.

Claim 8 (Currently Amended): An information reproducing apparatus for reproducing an a DVD information record medium having an audio zone and a video zone comprising:

substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing apparatus comprising:

a reading device which reads the substantial information and the second reproduction control information from said DVD information record medium; and

a reproducing device which reproduces the substantial information in accordance with the second management information and the second reproduction control information when a reproduction of only the audio information is instructed.

Claim 9 (Currently Amended): An information reproducing method for reproducing ~~an~~ a DVD information record medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing method comprising:

a reading process for reading the substantial information, the first reproduction control information and the second reproduction control information from said DVD information record medium; and

a reproducing process for reproducing the substantial information in accordance with the first management information and the first reproduction control information when a reproduction of the video information and the audio information is instructed, and reproducing the substantial information in accordance with the second management information and the second reproduction control information when a reproduction of only the audio information is instructed.

Claim 10 (Currently Amended): An information reproducing method for reproducing ~~an~~ a DVD information record medium having an audio zone and a video zone comprising:
substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set

Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing method comprising:

a reading process for reading the substantial information and the first reproduction control information from said DVD information record medium; and

a reproducing process for reproducing the substantial information in accordance with the first management information and the first reproduction control information when a reproduction of the video information and the audio information is instructed.

Claim 11 (Currently Amended): An information reproducing method for reproducing ~~an~~ a DVD information record medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of the substantial information only for a first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set

Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

said information reproducing method comprising:

a reading process for reading the substantial information and the second reproduction control information from said DVD information record medium; and

a reproducing process for reproducing the substantial information in accordance with the second management information and the second reproduction control information when a reproduction of only the audio information is instructed.

Claim 12 (Currently Amended): An information reproducing apparatus according to claim 6, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 13 (Currently Amended): An information reproducing apparatus according to claim 7, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 14 (Currently Amended): An information reproducing apparatus according to claim 8, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 15 (Currently Amended): An information reproducing method according to claim 9, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 16 (Currently Amended): An information reproducing method according to claim 10, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 17 (Currently Amended): An information reproducing method according to claim 11, wherein the DVD information record medium further comprises another substantial information including only audio information recorded in the audio zone.

Claim 18 (Currently Amended): ~~An~~ A DVD information record medium according to claim 1, wherein the first reproducing apparatus is a video player.

Claim 19 (Currently Amended): ~~An~~ A DVD information record medium according to claim 1, wherein the second reproducing apparatus is an audio only player.

Claim 20 (Currently Amended): An information reproducing apparatus with video reproduction ability for reproducing ~~an~~ a DVD information recording medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of substantial information only for a

first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

the information reproducing apparatus comprising:

a reading device which reads the first management information, the substantial information, and the first reproduction control information; and

a reproduction device which reproduces the substantial information in accordance with the first management information and the first reproduction control information.

Claim 21 (Currently Amended): An information reproducing apparatus with audio only reproduction ability for reproducing ~~an~~ a DVD information recording medium having an audio zone and a video zone comprising; substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of substantial information only for a

first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

the information reproducing apparatus comprising:

a reading device which reads the second management information, the substantial information, and the second reproduction control information; and

a reproduction device which reproduces the substantial information in accordance with the second management information and the second reproduction control information.

Claim 22 (Currently Amended): An information reproducing method with video reproduction ability for reproducing ~~an~~ a DVD information recording medium having an audio zone and a video zone comprising: substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of substantial information only for a

first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

the information reproducing method comprising:

a reading process for reading the first management information, the substantial information, and the first reproduction control information; and

a reproduction process for reproducing the substantial information in accordance with the first management information and the first reproduction control information.

Claim 23 (Currently Amended): An information reproducing method with audio only reproduction ability for reproducing an a DVD information recording medium having an audio zone and a video zone comprising; substantial information including video information and audio information which are related to each other; first reproduction control information to reproduce the video information and audio information out of substantial information only for a

first reproducing apparatus with video and audio reproduction ability; first management information only for the first reproducing apparatus; second reproduction control information to reproduce only the audio information out of the substantial information only for a second reproducing apparatus that is able to reproduce audio, but is not able to reproduce video; and second management information only for the second reproducing apparatus, wherein the substantial information, the first reproduction control information, and the first management information are recorded in the video zone, and the second reproduction control information and the second management information are recorded in the audio zone, and wherein the first reproduction control information is Video Title Set Information (VTSI), the first management information is Video Manager (VMG) information, the second reproduction control information is Audio Title Set Information (ATSI), and the second management information is Audio Manager (AMG) information,

the information reproducing method comprising:

a reading process for reading the second management information, the substantial information, and the second reproduction control information; and

a reproduction process for reproducing the substantial information in accordance with the second management information and the second reproduction control information.